

Abstract

- Title:** Case Study of Physiotherapeutic Treatment of a Patient with the Diagnosis of Unilateral Above – Knee Amputation.
- Objectives:** The aim of this work is a summary of theoretical knowledge about amputations of lower limbs and processing of case study of patient with the diagnosis of unilateral above – knee amputation.
- Methods:** This bachelor thesis consist of two parts. The general part includes the literature review focused on the issue of amputations of lower limbs in relation to diabetes mellitus and its therapeutics and prosthetic options. Special part consists of case study of physiotherapeutic treatment of a patient with the diagnosis of unilateral above – knee amputation. This part describes anamnesis, complex kinesiological examination, the course of each therapeutic unit and a final evaluation of therapeutic intervention.
- Results:** This case study was created during two weeks at the turn of January and February 2019 in Ústřední vojenská nemocnice Praha. Physiotherapeutic procedures contributed to improve patient's condition. Edema of stump was reduced, extension in right hip joint increased, shortened muscles were stretched, muscle strength of higher and lower limbs increased, standing posture and gait improved.
- Keywords:** diabetes mellitus, amputation, physiotherapy, diabetic foot syndrome, case study